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Terrestrial communication system co-utilising connection points - using common communication resource with each digital signal transferred so transfer corresponds to transparent transfer for each channel

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Patent Family (9 patents, 32 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1991006162	A	19910502	WO 1990SE681	A	19901019	199120	B
AU 199066194	A	19910516				199133	E
EP 496810	A1	19920805	EP 1990916216	A	19901019	199232	E
			WO 1990SE681	A	19901019		
US 5313461	A	19940517	US 1992859517	A	19920608	199419	E
AU 652922	B	19940915	AU 199066194	A	19901019	199438	E
EP 496810	B1	19960124	EP 1990916216	A	19901019	199609	E
			WO 1990SE681	A	19901019		
DE 69025067	E	19960307	DE 69025067	A	19901019	199615	E
			EP 1990916216	A	19901019		
			WO 1990SE681	A	19901019		
RU 2108673	C1	19980410	SU 5052102	A	19901019	199846	E
			WO 1990SE681	A	19901019		
CA 2070423	C	20000321	CA 2070423	A	19901019	200033	E
			WO 1990SE681	A	19901019		

Priority Applications (no., kind, date): SE 19893455 A 19891019

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1991006162	A	EN				
National Designated States,Original	AT AU BB BG BR CA CH DE DK ES FI GB HU JP KP KR LK LU MC MG MW NL NO RO SD SE SU US					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IT LU NL OA SE					
EP 496810	A1	EN	55		PCT Application	WO 1990SE681
					Based on OPI patent	WO 1991006162
Regional Designated States,Original	DE FR GB IT SE					
US 5313461	A	EN	26	27		
AU 652922	B	EN			Previously issued patent	AU 9066194
					Based on OPI patent	WO 1991006162
EP 496810	B1	EN	32	27	PCT Application	WO 1990SE681
					Based on OPI patent	WO 1991006162

Regional Designated States,Original	DE	FR	GB	IT	SE	
DE 69025067	E	DE				Application
						PCT Application
						Based on OPI patent
						Based on OPI patent
RU 2108673	C1	RU				PCT Application
CA 2070423	C	EN				PCT Application
						Based on OPI patent
						WO 1990916216
						WO 1990SE681
						EP 496810
						WO 1991006162
						WO 1990SE681
						WO 1990SE681
						WO 1991006162

Alerting Abstract WO A

A method for local dynamically connectable digital synchronous multiplex or non-multiplex or asynchronous service networks used as a common service resource (220) for three or more switching units (200;210). A wide area service network has at least one central station (10), and peripheral station(s) (19) within an area/space/region, the common service resource being adaptively shared according to the traffic needs between the switching units.

Information is communicated through the system for each connected digital signal (100) to be communicated through the service network, in such a way that communication of digital signals (100) individually for each time sequence corresponds to a transparent communication, irrespective of each sequence of information of digital signals being communicated through the system or not.

USE/ADVANTAGE - Wide area terrestrial radio system making it possible to use services between several types of standard switching units in a more flexible and cost saving, more efficiently bandwidth saving, less sensitive to interference and not protocol depending method than previously known systems. @ (55pp Dwg.No.10a/27)@

Equivalent Alerting Abstract US A

Each station is connected to one or more switching units. The common service resource is adaptively shared as a function of traffic going to and from the switching units. In one embodiment, capacity in the common service resource is divided into a series of frames. Each frame has a set number of time slices, with information from one or more of the switching units being transferred within a time slice. In one such embodiment, time slices which will not be used during a particular frame due to the lack of or repetitive nature of information from a particular switching unit can be used to transfer information from a different switching unit.

USE/ADVANTAGE - Method for connecting two or more peripheral stations to central station over common service resource.

Title Terms /Index Terms/Additional Words: TERRESTRIAL; COMMUNICATE; SYSTEM; CO; UTILISE; CONNECT; POINT; COMMON; RESOURCE; DIGITAL; SIGNAL; TRANSFER; SO; CORRESPOND; TRANSPARENT; CHANNEL

Class Codes

International Patent Classification

IPC	Class Level	Scope	Position	Status	Version Date
H04J-003/16			Main		"Version 7"

H04B-007/26			Secondary		"Version 7"		
H04L-0012/56	A	I		R	20060101		
H04Q-0007/36	A	N		R	20060101		
H04L-0012/56	C	I		R	20060101		
H04Q-0007/36	C	N		R	20060101		

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File Segment: EPI;

DWPI Class: W01; W02

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Russia

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